L Number	Hits	Search Text	DB	Time stamp
18	10	((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (228/164,203,232,246,262.9).ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/07 13:35
19	82	((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (438/108,115,612-615,660,694).ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/07 13:36
20	40	((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/311,313-314,316-319).ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/07 13:40

| 21 | 24 | ((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/329-330).ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 13:40 |

| 22 | 136 | (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (228/164,203,232,246,262.9).ccls.) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (438/108,115,612-615,660,694).ccls.) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/311,313-314,316-319).ccls.) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 13:41 |

heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and

-	1	("20030134233").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/03 09:19
-	289	(semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/03 09:29
-	12	((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/03 13:36
-	0	(solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree) same (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist)) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/03 13:46
-	17	(solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist)) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/06 19:18
-	1455	(resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/06 19:36

—	40	((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/311,313-314,316-319).ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/07 13:39
—	24	((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/329-330).ccls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/07 13:40

| - | 46 | (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/311,313-314,316-319).ccls.) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/329-330).ccls.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 13:36 |
| - | 82 | ((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (438/108,115,612-615,660,694).ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 13:35 |

| | 126 | ((((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/311,313-314,316-319).ccls.) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/329-330).ccls.)) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (438/108,115,612-615,660,694).ccls.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 13:35 |

| - | 10 | ((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (228/164,203,232,246,262.9).ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 13:34 |

| - | 136 | ((((((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/311,313-314,316-319).ccls.) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (430/329-330).ccls.)) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and ((benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (resist or photoresist))) not (((semiconduct$3 or wafer or silicon or "Si").ti,ab. and (resist or photoresist) same solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and (benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or BCB) same (resist or photoresist))) and (438/108,115,612-615,660,694).ccls.)) or (((resist or photoresist or polyimide or benzocyclobutene or benzo adj cyclobutene or benzocyclo adj butene or benzo adj cyclo adj butene or BCB) same (transition adj temperature or "Tg" or "T.sub.g" or degrees) and (solder same (melt$3 or | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/07 14:11 |

| | | heat$3 or temperature or degrees or reflow$3)) not ((solder$3 near3 (ball$3 or bump$3) same (heat$3 or thermal$3 or temperature or degree)) and | | |